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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/749,743	12/30/2003	Min-Ha Kim	51876P571	9036

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EXAMINER

PHAM, TUAN

ART UNIT PAPER NUMBER

2618

DATE MAILED: 09/13/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/749,743	Applicant(s) KIM, MIN-HA	
	Examiner TUAN A. PHAM	Art Unit 2618	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 30 December 2003.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-7 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1 and 4-7 is/are rejected.
- 7) ☒ Claim(s) 2 and 3 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Priority

1. Receipt is acknowledged of papers submitted under 35 U.S.C 119(a)-(d), which papers have been placed of record in the file.

Claim Rejections - 35 USC § 112

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

3. Claim 6 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

As to claim 6, the recitation "a Bluetooth communication transceiver for communicating a remote mobile communication terminal through Bluetooth communication by establishing a communication link with the remote mobile communication terminal and authorizing the remote control of the remote communication mobile terminal when a result of determination of the controller is that the address of the remote mobile communication terminal is not included in the list short-range mobile communication address", this limitations is not disclosed in the specification, and it is not clear how the mobile device communicate with the remote mobile device by the Bluetooth mode without detecting the short-range address. For the purpose of examination, the above recitation is interpreted with the broadest reasonable interpretation.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 1, 4, and 6-7 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bushnell et al. (Pub. No.: US 2004/0229634, hereinafter, "Bushnell") in view of De Loye et al. (Patent No.: US 6,996,370, hereinafter, "De Loye").

Regarding claim 1 and 6, Bushnell teaches a method and a mobile communication terminal for remotely controlling other mobile communication terminal, comprising (see figure 3):

a controller for determining whether or not an address of a remote mobile communication terminal is included in the short-range mobile communication address according to a remote control request signal (see figure 3, [0021-0023], the mobile 305 will determine when is near the short range or out of the short range); and

a mobile communication transceiver for communicating a remote mobile communication terminal through a mobile communication network by establishing a call connection with the remote mobile communication terminal according to the remote control request signal and authorizing a remote control of the remote mobile communication terminal when a result of the determination of the controller is that the address of a remote mobile communication terminal is not included in the list of short-

range mobile communication address (see figure 3, [0021-0023], the mobile 305 will determine when is near the short range or out of the short range, if the mobile 305 is out of the short range, it will communicate by the cellular network, not the Bluetooth mode).

It should be noticed that Bushnell fails to teach the list of short-range mobile communication address, a memory for storing a list of short-range mobile communication address, and a Bluetooth communication transceiver for communicating a remote mobile communication terminal through Bluetooth communication by establishing a communication link with the remote mobile communication terminal and authorizing the remote control of the remote communication mobile terminal when a result of determination of the controller is that the address of the remote mobile communication terminal is included in the list of short-range mobile communication address. However, De Loye teaches such features (see figures 1-3, mobile 11, office device 121, col.3, ln.34-67, col.4, ln.1-35, the mobile 11 will determine which device is within the short range then the mobile 11 will communicate in the Bluetooth mode).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate the teaching of De Loye into view of Bushnell in order to provide a multi-mode to a mobile device.

Regarding claim 4, Bushnell further teaches phone number of the mobile communication terminal is used as the address (see figure 3, phone number).

Regarding claim 7, De Loye further teaches the list of short-range mobile address is periodically updated (se col.5, ln.15-20).

6. Claim 5 is rejected under 35 U.S.C. 103(a) as being unpatentable over Bushnell et al. (Pub. No.: US 2004/0229634, hereinafter, "Bushnell") in view of De Loye et al. (Patent No.: US 6,996,370, hereinafter, "De Loye") as applied to claim 1 above, and further in view of Lee (Pub. No.: US 2002/0052195).

Regarding claim 5, Bushnell and De Loye, in combination, fails to teach a password of the mobile communication terminal inputted by a user is used as the address. However, Lee teaches such features (see [0037]).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate the teaching of Lee into view of Bushnell and De Loye in order to protect the user's information.

Allowable Subject Matter

7. Claims 2-3 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

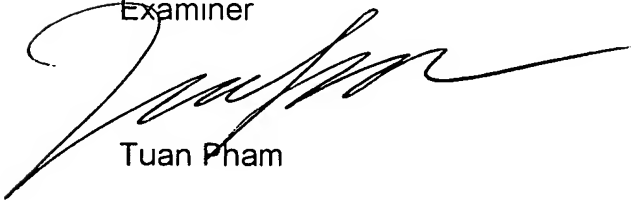
Conclusion

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tuan A. Pham whose telephone number is (571) 272-8097. The examiner can normally be reached on Monday through Friday, 8:30 AM-5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Matthew Anderson can be reached on (571) 272-4177. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.


Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have question on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Art Unit 2618
September 8, 2006
Examiner



Tuan Pham

Supervisory Patent Examiner
Technology Center 2600



Matthew Anderson